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ATTY. DOCKET No. 0942.5500001/RWE/FRC APPLICATION NO. 10/618,852

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APPLICANTS Muir et al.

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Mz	AR	217	Shaikh, A.C. and Biol. Chem. 272. Inc. (February 19	:5695-5702	P.D., "The Cre Recombinase, The American Society for Ba	: Cleaves t iochemist	he <i>lox</i> Site in and Molec	n trans," J. cular Biology,
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An	AT	217	Shirai, M., et al., Chromosome of American Societ	Streptomyc	eific Integration of the Actinopes parvulus upon Lysogenizate biology (1991)	phage R4 (tion," J. Be	Genome into	the :4237-4239,
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M	AS	218	Minimal DNA St	ubstrate for	nteraction of Vaccinia Virus To Strand Cleavage <i>In Vitro</i> ," <i>J. I</i> emistry and Molecular Biology	Biol. Che	m. 266:1137	Duplex DNA. 72-11379, The
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M	AS	220	sequence alignm	ent through	USTAL W: improving the set sequence weighting, position ds Res. 22:4673-4680, Oxford	1-specific	gap penalties	and weight
M	AT	220	Ulmanen, I., et a the Aid of a Secr Microbiology (19	retion Vecto	iption and Translation of For or," J. Bacteriol. 162:176-182	eign Genes , America	s in <i>Bacillus</i> n Society for	subtilis by

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M	AR 2	Argos, P., et al., global diversity,	"The integr	rase family of site-specific records: 5:433-440, IRL Press Ltd. (198	mbinases	s: regional si	milarities and
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1	ABI	4,6	73,640	06/16/1987	Backman			04/30/1984
	ACI	4,6	83,195	07/28/1987	Mullis et al.			02/07/1986
	ADI	4,6	83,202	07/28/1987	Mullis			10/25/1985
	AEI	4,7	43,546	05/10/1988	Backman et al.			04/29/1987
	AFI	4,8	08,537	02/28/1989	Stroman et al.			10/30/1984
	AGI	4,8	355,231	08/08/1989	Stroman et al.			09/25/1985
	AHI	4,9	59,217	09/25/1990	Sanders et al.			05/22/1986
	All	4,9	59,317	09/25/1990	Sauer			06/17/1987
	AJ1	4,9	65,188	10/23/1990	Mullis et al.			11/01/1989
7	AKI	5,0	93,257	03/03/1992	Gray			05/26/1989
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pm	AL1	EP	0 160 571	11/06/1985	Europe			Yes No
	AM1	EP	0 220 009	04/29/1987	Europe			Yes No
	ANI	EP	0 300 422	01/25/1989	Europe			Yes No
	AOI	W	O 90/11375	10/04/1990	WIPO			Yes No
	AP1	W	O 91/02801	03/07/1991	WIPO			Yes No
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M	AA2	5,102,797	04/07/1992	Tucker et al.	ļ.		01/19/1990
	AB2	5,159,062	10/27/1992	Knapp et al.			10/01/1990
	AC2	5,227,288	07/13/1993	Blattner			01/09/1991
•	AD2	5,286,632	02/15/1994	Jones			07/16/1992
:	AE2	5,334,375	08/02/1994	Nabi et al.			10/15/1993
	AF2	5,334,575	08/02/1994	Noonan et al.		-	12/17/1992
	AG2	5,348,886	09/20/1994	Lee et al.			09/04/1992
	AH2	5,354,668	10/11/1994	Auerbach			09/29/1992
	Al2	5,378,618	01/03/1995	Sternberg et al.			03/15/1994
	AJ2	5,434,066	07/18/1995	Bebee et al.			12/21/1993
7	AK2	5,470,727	11/28/1995	Mascarenhas et al.			01/29/1993
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	AM2	WO 91/09957	07/11/1991	WIPO			Ye No
	AN2	WO 91/16427	10/31/1991	WIPO			Yes No
	AO2	WO 92/15694	09/17/1992	WIPO			Yes No
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M	AS 2	Adams, D.E., et Differences from	al., "Cre-lox lathe in Vitro	Recombination in <i>Escherichi</i> Reaction," <i>J. Mol. Biol. 226</i> :	<i>a coli</i> Ce 561-673,	lls: Mechani Academic P	istic Press (1992)
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1_	AB3	5,591,609	01/07/1997	Auerbach			02/17/1994
	AÇ3	5,605,793	02/25/1997	Stemmer			09/26/1995
	AD3	5,614,389	03/25/1997	Auerbach			01/20/1995
	AE3	5,635,381	06/03/1997	Hooykaas et al.			06/07/1995
	AF3	5,650,308	07/22/1997	Baum			06/07/1995
	AG3	5,650,557	07/22/1997	Hannah et al.			07/27/1994
	AH3	5,654,182	08/05/1997	Wahl et al.	1		06/07/1995
	AI3	5,658,772	08/19/1997	Odell et al.			03/02/1994
	AJ3	5,677,170	10/14/1997	Devine et al.			06/07/1995
or	АК3	5,677,177	10/14/1997	Wahl et al.			07/29/1996
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Im	AL3	WO 92/22650	12/23/1992	WIPO			Yes No
Am	AM3	EP 0 542 466	05/19/1993	Europe			Yes No
DSL	AN3	WO 93/15191	08/05/1993	WIPO		·	Yes No
Der	AO3	WO 93/19172	09/30/1993	WIPO			Yes No
M	AP3	CA 2,141,412	02/17/1994	Canada			Yes No
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An	AS 3	Albert, H., et al., placed in the pla	, "Site-specifi nt genome, "	c Integration of DNA into w Plant J. 7:649-659, Blackwe	ild-type a Il Science	and mutant lo	ox sites
m	AT 3	Andrews, B.J., e with Its Target S	t al., "The FL equences," C	P Recombinase of the 2μ Citel 40:795-803, Cell Press (1	rcle DNA 985)	of Yeast: I	nteraction
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	AB4	5,723,765	03/03/1998	Oliver et al.			03/02/1995
	AC4	5,728,551	03/17/1998	Devine et al.			02/01/1996
	AD4	5,733,733	03/31/1998	Auerbach			06/10/1996
	AE4	5,733,743	03/31/1998	Johnson et al.		<u> </u>	03/08/1996
	AF4	5,744,336	04/28/1998	Hodges et al.			02/13/1985
	AG4	5,766,891	06/16/1998	Shuman			12/19/1994
	AH4	5,776,449	07/07/1998	Baum et al.			09/20/1996
	AI4	5,801,030	09/01/1998	McVey et al.			09/01/1995
	AJ4	5,814,300	09/29/1998	Scott et al.			03/03/1995
	AK4	5,830,707	11/03/1998	Bushman			06/05/1995
		F	OREIGN PAT	TENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
M	AL4	WO 94/03624	02/17/1994	WIPO			Ye No
m	AM4	WO 94/09127	04/28/1994	WIPO			Yes No
PSI	AN4	WO 94/17176	08/04/1994	WIPO			Yes No
Di	AO4	WO 94/18333	08/18/1994	WIPO			Yes No
Ph	AP4	WO 95/00555	01/05/1995	WIPO			Yes No
		OTHER (Incl	uding Author,	Title, Date, Pertinent Pages,	etc.)	L	140
M	AR 4	Andrews, B.J., e 2µm Plasmid wi Society for Micr	th Mutated Ta	tion of the FLP Recombinas arget Sequences," <i>Mol. Cell.</i> 36)	e of the Si Biol. 6:24	accharomyco 482-2489, A	es cerevisiae merican
Pa	AS <u>4</u>	Angelastro, J.M., et al., "Identification of diverse nerve growth factor-regulated genes by serial analysis of gene expression (SAGE) profiling," Proc. Natl. Acad. Sci. USA 97:10424-10429, National Academy of Sciences (September 2000)					
Py	AT 4	Angrand, P.O., e vector strategy for Oxford University	or stable expre	ole expression based on reguession in cultured cells," Nu 1998)	lated reco	ombination: a Res. 26:3263	single -3269,
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			U.S. PATE	NT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Da	AA5	5,837,242	11/17/1998	Holliger et al.			05/14/1996
	AB5	5,837,458	11/17/1998	Minshull et al.			05/20/1996
	AC5	5,843,772	12/01/1998	Devine et al.			11/18/1994
	AD5	5,851,808	12/22/1998	Elledge et al.			02/28/1997
	AE5	5,858,657	01/12/1999	Winter et al.			06/07/1995
	AF5	5,871,907	02/16/1999	Winter et al.			03/31/1994
	AG5	5,874,259	02/23/1999	Szybalski			11/21/1997
	AH5	5,888,732	03/30/1999	Hartley et al.			06/07/1996
	AI5 .	5,916,804	06/29/1999	Bushman			04/17/1998
	AJ5	5,919,676	07/06/1999	Graham et al.			06/07/1995
1	AK5	5,928,914	07/27/1999	Leboulch et al.			11/05/1996
-		F	OREIGN PAT	ENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
M	AL5	WO 96/04393	02/19/1996	WIPO 2/15/96			Yes No
ľ	AM5	WO 96/19497	06/27/1996	WIPO			Yes No
	AN5	WO 96/30498	10/03/1996	WIPO			Yes No
\	AO5	WO 96/40722	12/19/1996	WIPO			Yes No
MA	AP5	WO 96/40724	12/19/1996	WIPO			Yes No
		OTHER (Incl	uding Author,	Title, Date, Pertinent Pages,	etc.)	1	
My	AR 5	Vector Expressi	ng the Cre Re	"Site-Specific Recombination combinase Protein: a Molecus 1-4606, American Society for	ılar Swite	h for Contro	ol of Gene
pa	AS 5	Araki, H., et al., "Site-specific Recombinase, R, Encoded by Yeast Plasmid pSR1," J. Mol. Biol. 225:25-37, Academic Press, Inc., New York, NY (1992)					
Pa	AT 5	the Haemophilus	s influenza ba	pecific recombination betwee oteriophage HP1 propagated I. 171:1747-1750, American	in recom	bination def	icient
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			U.S. PATER	T DOCUMENTS			
EXAMINER NITIAL		DOCUMENT NUMB	ER DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Vm	AA6	5,929,307	07/27/1999	Hodges et al.			12/20/1996
)	AB6	5,962,255	10/05/1999	Griffiths et al.			12/05/1994
	AC6	5,981,177	11/09/1999	Demirjian et al.			01/25/1995
	AD6	5,989,872	11/22/1999	Luo et al.			08/12/1997
	AE6	6,010,884	01/04/2000	Griffiths et al.			05/29/1996
	AF6	6,040,430	03/21/2000	Stewart			12/26/1995
	AG6	6,066,778	05/23/2000	Ginsburg, et al.			11/06/1996
	АН6	6,063,627	06/16/2000	McVey et al.			02/25/1998
	Al6	6,080,576	06/27/2000	Zambrowicz, et al.			04/08/1998
	AJ6	6,143,557	11/07/2000	Hartley et al.			01/20/1999
	AK6	6,171,861	01/09/2001	Hartley et al.			01/12/1998
	···		FOREIGN PAT	TENT DOCUMENTS			
XAMINER NITIAL		DOCUMENT NUMB	ER DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATIO
Ph	AL6	WO 97/06265	02/20/1997	WIPO			Y
m	AM6	WO 97/09436	03/13/1997	WIPO			Y
Ph	AN6	WO 97/25446	07/17/1997	WIPO ·			Ye N
The	AO6	WO 97/32481	09/12/1997	WIPO			Ye N
Man	AP6	WO 98/10086	03/12/1998	WIPO			Ye
		OTHER (Including Author,	Title, Date, Pertinent Pag	ges, etc.)	·	
fn	AR !	Atlung, T., e	at al., "A versatile ite of Escherichia	method for integration of coli," Gene 107:11-17,	f genes and g Elsevier Scie	gene fusions nce (1991)	into the λ
M	AS !	Ausubel, F.M., et al., "Maps of Plasmids pBR322 and pUC19," in Short Protocols in Molecular Biology, Third Edition, John Wiley & Sons, Inc., Boston, MA, pp. 1.12-1.13 (1995)					
An	AT (Excision (VI	EX) The trfA Gen	eletions in Large Bacteria e of Promiscuous Plasmi "J. Mol. Biol. 230:174-1	d RK2 is Ess	ential for Re	plication in
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XAMINER IITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Km	AA7	6,225,121	05/01/2001	Savakis, C. et al.			04/27/1998
	AB7	6,262,341	07/17/2001	Baszczynski et al.			11/17/1998
	AC7	6,270,969	08/07/2001	Hartley et al.			01/20/1999
	AD7	6,271,436	08/07/2001	Piedrahita et al.			10/10/1997
	AE7	6,277,608	08/21/2001	Hartley et al.			04/22/1999
	AF7	2002/0007051	01/17/2002	Cheo et al.			12/11/2000
	AG7	6,361,972	03/26/2002	Harrington et al.			01/10/2000
	AH7	6,365,377	04/02/2002	Patten et al.			03/03/2000
	AI7	2002/0068290	06/06/2002	Yarovinsky			05/31/200
	AJ7	6,410,266	06/25/2002	Harrington et al.			01/07/2000
4	AK7	6,410,317	06/25/2002	Farmer			07/14/200
V		F	OREIGN PAT	TENT DOCUMENTS		<u> </u>	<u> </u>
KAMINER ITTIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATIO
M	AL7	WO 98/53056	11/26/1998	WIPO			x
M	AM7	WO 99/10488	03/04/1999	WIPO			,
M	AN7	WO 99/21977	05/06/1999	WIPO			,
PM	A07	WO 99/25851	05/27/1999	WIPO			x
Pan	AP7	WO 99/55851	11/04/1999	WIPO			,
		OTHER (Incl	uding Author	, Title, Date, Pertinent Page	s, etc.)		
2	AR .			P Protein of the 2-micron F Society for Biochemistry a			
Pay	AS :	Backman, K., et Gene Expression	al., "Use of S n," BioTechno	Synchronous Site-Specific blogy 2:1045-1049 (1984)	Recombina	tion <i>In Vivo</i>	to Regulate
Py	AT :			ts Cell Cycle Regulators to Box," Cell 86:263-274, Ce			sis Machine
XAMINER					DATE CO	ŅSIDERED	

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EXAMINER INITIAL		DO	CUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Van	AA8	20	02/0094574	07/18/2002	Hartley et al.			05/16/2001
1	AB8	20	02/0106797	08/08/2002	Miles et al.			03/12/2001
	AC8	6,4	136,707	08/20/2002	Zambrowicz et al.			03/25/1999
	AD8	20	02/0172997	11/21/2002	Hartley et al.			07/19/2001
	AE8	20	02/0182731	12/05/2002	Ji et al.			01/25/2002
	AF8	20	02/0192819	12/19/2002	Hartley et al.	<u> </u>		07/19/2001
	AG8	20	03/0027289	02/06/2003	Farmer			04/05/2002
	АН8	20	03/0027337	02/06/2003	Droge et al.			02/25/2002
	AI8	20	03/0054552	03/20/2003	Hartley et al.			01/30/2002
	AJ8	20	03/0054555	03/20/2003	Farmer et al.			09/17/2002
7	AK8	20	03/0059900	03/27/2003	Farmer			01/17/2002
			F	OREIGN PAT	TENT DOCUMENTS	<u></u>	L	I
EXAMINER INITIAL		DO	CUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
M	AL8	W	O 00/12687	03/09/2000	WIPO			Yes No
m	AM8	EP	1 035 208	09/13/2000	Europe			Yes No
M	AN8	W	O 00/60091	10/12/2000	WIPO			Yes No
M	AO8	W	O 01/05961	01/25/2001	WIPO			Yes No
Man	AP8	W	O 01/07572	02/01/2001	WIPO			Yes No
· · ·			OTHER (Inch	uding Author,	Title, Date, Pertinent Pages,	etc.)		· · · · · · · · · · · · · · · · · · ·
phy	AR	Balakrishnan, R., et al., "A gene cassette for adapting Escherichia coli strains as hosts for						
fa	AS	<u>8</u>	Ball, C.A., and Johnson, R.C., "Efficient Excision of Phage λ from the Escherichia coli Chromosome Requires the Fis Protein," J. Bacteriol. 173: 4027-4031, American Society for Microbiology (July 1991)					
1/2	Barnes, G., and Rine, J., "Regulated expression of endonuclease EcoRI in Saccharomyces cerevisiae: Nuclear entry and biological consequences," Proc. Natl. Acad. Sci. USA 82: 1354-1358, National Academy of Sciences (1985)							
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Tru	AA9	2003/0064515	04/03/2003	Hartley et al.			01/30/2002
ſ	AB9	2003/0068799	04/10/2003	Hartley et al.			06/06/2002
	AC9	2003/0077804	04/24/2003	Byrd et al.			04/19/2002
	AD9	2003/0100110	05/29/2003	Hartley et al.			11/02/1999
	AE9	2003/0124555	07/03/2003	Brasch et al.			05/21/2002
	AF9	2003/0153055	08/14/2003	Miles et al.			02/20/2003
	AG9	2003/0157662	08/21/2003	Gerard et al.			11/13/2002
	АН9	2003/0157716	08/21/2003	Hartley et al.			11/02/2001
	AI9	.2003/0175970	09/18/2003	Hartley et al.			11/21/2002
	AJ9	2003/0176644	09/18/2003	Byrd et al.			02/07/2002
V	AK9	2003/0186233	10/02/2003	Chesnut et al.			12/07/2001
		F	OREIGN PAT	TENT DOCUMENTS		1	
EXAMINER INITIAL		DOCUMENT NUMBER	DATÉ	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
Mes	AL9	WO 01/11058	02/15/2001	WIPO			Yes No
Pa	AM9	WO 01/31039	05/03/2001	WIPO			Yes No
The	AN9	WO 01/62892	08/30/2001	WIPO			Yes No
Min	A09	WO 02/00875	01/03/2002	WIPO			Yes No
M	AP9	WO 02/05294	01/17/2002	WIPO.			Yes No
		OTHER (Incl	uding Author.	Title, Date, Pertinent Pages,	etc.)	<u> </u>	110
fr	AR S			Sequence Homology Require Sequence Homology Require Sequence Homology Require Sequence 181:187-197, Acad			
B	AS S	Bayley, C.C., et al., "Exchange of gene activity in transgenic plants catalyzed by the Cre-lox site specific recombination system," Plant Mol. Biol. 18:353-361, Dordrecht Kluwer Academic (1992)					
M	Bernard, P., and Couturier, M., "Cell Killing by the F plasmid Ccdb Protein Involves Poisoning of DNA-topoisomerase II Complexes," J. Mol. Biol. 226:735-745, Academic Press, Inc. (1992)						
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
Pan	AA10	2003/0220249	11/27/2003	Hackett et al.			02/07/2003	
1	AB10	2004/0040053	02/26/2004	Nomura et al.			11/22/2002	
	AC10	2004/0053412	03/18/2004				03/26/2003	
	AD10	2004/0063207	04/01/2004				10/08/2003	
	AE10	6,720,140	04/13/2004	Hartley et al.			02/04/2000	
	AF10	2004/0171156	09/02/2004	Hartley et al.			04/02/2004	
	AG10	2004/0171157	09/02/2004	Hartley et al.			04/08/2004	
	AH10	2004/0219516	11/04/2004	11/04/2004 Bennett et al.			07/18/2003	
	AI10	2004/0219673	11/04/2004	Hartley et al.			03/10/2004	
	AJ10	2004/0229229	11/18/2004	Cheo et al.			08/14/2003	
B.	AK10	2004/0253631	12/16/2004	Hartley et al.			07/19/2004	
			FOREIGN PAT	TENT DOCUMENTS		I	<u> </u>	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATIO	
John	AL10	WO 02/08391	01/31/2002	WIPO			Ye N	
Don	AM10	WO 02/16594	02/28/2002	WIPO			Ye N	
pm	AN10	WO 02/061034	08/08/2002	WIPO			Ye N	
Pm	AO10	WO 03/025161	03/27/2003	WIPO			Ye N	
Psn	Osh AP10 WO 03/103600		12/18/2003	WIPO			Ye N	
		OTHER (In	cluding Author	Title, Date, Pertinent Pag	es, etc.)		I	
An	AR	Bernard, P., "Positive Selection of Recombinant DNA by CcdB," <i>BioTechniques 21</i> :320 Eaton Publishing Company (1996)						
M	AS		Bernard, P. et al., "The F Plasmid CcdB Protein Induces Efficient ATP-dependent DNA Cleavage by Gyrase," J. Mol. Biol. 234:534-541, Academic Press, Inc. (1993)					
My	AT		Bernard, P., et al., "Positive selection of vectors using the F plasmid ccdB killer gene," Gene 148: 71-74, Elsevier Science (1994)					
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EXAMINER INITIAL		DO	CUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
En	AA11	20	04/0265863	12/30/2004	Chesnut et al.			03/04/2004	
In	ABII	20	05/0009091	01/13/2005	Hartley et al.			08/19/2004	
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EXAMINER INITIAL		DO	CUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AL							Yes No	
	AM							Ye:	
	AN							Ye: No	
	AO							Yes No	
	AP							Yes No	
			OTHER (Incl	uding Author.	Title, Date, Pertinent Pages,	etc.)	·	1 140	
p	AR	11 .	Bethke, B., and Sauer, B., "Segmental genomic replacement by Cre-mediated recombination:						
My	AS	11	Betz, U.A.K., et al., "Bypass of lethality with mosaic mice generated by Cre-loxP-mediated recombination," Curr. Biol. 6:1307-1316, Current Biology Ltd. (October 1996)						
My	АТ	11	Bhandari, P., and Gowrishankar, J., "An Escherichia coli host strain useful for efficient overproduction of cloned gene products with NaCl as the inducer," J. Bacteriol 179:4403-4406, American Society for Microbiology (July 1997)						
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EXAMINER INITIAL		D	OCUMENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE
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EXAMINER INITIAL		DO	OCUMENT NUMBER	DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION
	AL								Yes No
	AM								Yes No
	AN								Yes No
	AO					•			Yes No
	AP								Yes No
			OTHER (Incl	uding Auth	or, Title, Date, Pertin	ent Pages, e	tc.)	······································	
M	AR	12	Black, L.W., "In vitro packaging into phage T4 particles and specific recircularization of phage lambda DNAs," Gene 46:97-101, Elsevier Science (1986)						
M	AS	<u>12</u>	Bloch, C.A., et al., "Purification of Escherichia coli Chromosomal Segments without Cloning," Biochem. Biophys. Res. Comm. 223:104-111, Academic Press, Inc. (1996)						
Ja	AT	12	Bochner, B.R., et al., "Positive Selection for Loss of Tetracycline Resistance," J. Bacteriol. 143:926-933, American Society for Microbiology (1980)						
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	ATTY, DOCKET NO.	APPLICATION NO.
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EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE
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	AL								Yes No
	AM								Yes No
	AN								Yes No
	AO								Yes No
	AP								Yes No
			OTHER (Incl	uding Autho	or, Title, Date, Pertin	ent Pages, e	etc.)	J	1 100
pr	AR		Boshart, M, et al., "A Very Strong Enhancer is Located Upstream of an Immediate Early Gene of Human Cytomegalovirus," Cell 41:521-530, MIT (1985)						diate Early
pm	AS	13	Bouhassira, E.E., et al., "Transcriptional Behavior of LCR Enhancer Elements Integrated at the Same Chromosomal Locus by Recombinase-Mediated Cassette Exchange," Blood 90:3332-3344, The American Society of Hematology (November 1997)						
My	АТ	13	Boyd, A.C., "Tu blunt-ended DN Press (1993)	rbo cloning A fragment	: a fast, efficient met s into plasmids," <i>Nuc</i>	thod for clo	oning PC es. <i>21</i> :81	R products a	and other ord University
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	AH								
	AI							-	
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EXAMINER INITIAL		DC	CUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AL							Yes No	
	AM							Yes No	
	AN							Yes No	
	AO							Yes No	
	AP			<u> </u>				Yes No	
		-	OTHER (Incl	uding Auth	or, Title, Date, Pertinent	t Pages, etc.)	<u>. </u>	140	
M	AR	14	Brent, R., and Ptashne, M., "A bacterial repressor protein or a yeast transcriptional terminator can block upstream activation of a yeast gene," <i>Nature 312</i> : 612-615, Macmillan Journals Ltd. (1984)						
M	AS	<u>14</u>	Broach, J. R., et al., "Recombination within the Yeast Plasmid 2µ Circle is Site-Specific," Cell 29:227-234, Cell Press (1982)						
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M	AR	<u>15</u>	Brunelli, J.P., and Pall, M.L., "Lambda/Plasmid Vector Construction by In Vivo cre/lox-Mediated Recombination," BioTechniques 16: 1061-1064, Eaton Publishing Company (June 1994)						
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M	AR	68 stranded RN	OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Mette, M.F., et al., "Transcriptional silencing and promoter methylation triggered by double-stranded RNA," EMBO J. 19:5194-5201, European Molecular Biology Organization (October 2000)					
My	AS	68 Chromatogra	phy and Re-e	urification of the FLP xamination of Basic I Limited (1987)				
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My	AT	69	Study of the Inte	ermolecular	ni, M., "Integrative I Reaction," <i>Cold Sp</i> story Press (1979)	Recombination of the second se	ion of Ba Symp. Q	acteriophage uant. Biol. 4	λ: In Vitro 3:1111-1114,
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py	AR	<u>70</u>	Mizuuchi, M., a	nd Mizuuch nent site of j	i, K., "The extent of D phage lambda," <i>Nucl.</i> 2	NA seque	nce req	uired for a fi 3-1208, Oxf	unctional ford
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My	AT _.	<u>70</u>	Mullins, L.J., et mapping and ger University Press	neration of t	nt Cre-lox linearisation ransgenic animals," N	n of BACs ucl. Acids	: applic Res. 25	eations to ph	ysical Oxford
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fly	AS	<u>74</u>	the integrase arm	n-type bind	omparison of the effecting sites on the site-sp 8:3953-3959, Oxford	ecific reco	mbinati	on of bacter	se changes in iophage
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K	AS	Nunes-Düby, S.E., et al., "Half-att Site Substrates Reveal the Homology Independence and Minimal Protein Requirements for Productive Synapsis in λ Excisive Recombination," Cell 59:197-206, Cell Press (1989)					
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Thy	AS	<u>76</u>	Contributing to 1	D'Gara, J.P., et al., "Identification and Molecular Genetic Analysis of Multiple Loci Contributing to High-Level Tellurite Resistance in Rhodobacter sphaeroides 2.4.1," Appl. Environ. Microbiol. 63:4713-4720, American Society for Microbiology (1997)						
M	АТ	76			Directional cDNA li cl. Acids Research 29					
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The	AS	77	Oliner, J.D., et a 5197, Oxford Un	il., "In vivo c niversity Pre	cloning of PCR products ss (1993)	in E. coli," Ni	ıcl. Acids Re	s. 21:5192-
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Mz	AS	Palazzolo, M.J. fusion-protein s Elsevier Science	ynthesis ar	age lambda cDNA clo ad Cre-loxP automatic	oning vectors for so plasmid subcloning	ubtractive hy ng," <i>Gene 88</i>	bridization, :25-36,
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The	AR	<u>82</u>		Persson, M.A.A., "Combinatorial Libraries," Intern. Rev. Immunol. 10:153-63, Harwood Academic Publishers GmbH (1993)				
The	AS	82		Phillips-Jones, M.K., et al., "Context Effects on Misreading and Suppression at UAG Codons in Human Cells," Mol. Cell. Biol. 15:6593-6600, American Society for Microbiology (1995)				
M	ΑT	<u>82</u>	Pichel, J.G., et a determines subse 3342, Elsevier S	equent tumor	f SV40 oncogene activation progression during murine lo	by site-sp ens devel	ecific recom opment," Ge	bination ne 8:3333-
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Ma	AR	<u>83</u>	Pierce, J.C., et al., "A positive selection vector for cloning high molecular weight DNA by the bacteriophage P1 system: Improved cloning efficacy," Proc. Natl. Acad. Sci. USA 89:2056-2060, National Academy of Sciences (1992)					
My	AS	<u>83</u>	Podhajska, A.J., et al., "Control of cloned gene expression by promoter inversion in vivo: construction of the heat-pulse-activated att-nutL-p-att-N module," Gene 40:163-168, Elsevier Science (1985)					
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K	AS		Sauer, B., "Manipulation of Transgenes by Site-Specific Recombination: Use of Cre Recombinase," <i>Meth. Enzymol. 225</i> :890-900, Academic Press (1993)				
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